

Claims

- Sub A1
1. Surge protector which includes a film pattern (2) formed on a suitable substrate (1),  
**characterized** in that the film pattern (2) essentially consists of narrow lines (2a, 2b, 2c)  
5 which extend parallel and adjacent to each other and are electrically in parallel  
relationship to each other, and bridges (11 - 24) between the lines.
2. Surge protector of claim 1, **characterized** in that the number of parallel lines (2) is  
three (2a, 2b, 2c).  
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3. Surge protector of claim 1 or 2, **characterized** in that between two successive bridges  
(15, 17) only one (2c) of the lines (2a, 2b, 2c) is cut off (T5, T6, T7, T8, T9, T10) for  
trimming the resistance value of the film pattern.
- 15 4. the film pattern is formed between two points (3, 4) so that the length and resistance of  
each parallel line (2a, 2b, 2c) between said points are essentially the same.
5. Surge protector of any preceding claim, **characterized** in that the pattern formed by  
parallel lines (2) is a serpentine or technically equivalent pattern for making the high  
20 frequency current of a pulse concentrating in the edges of the film lines to be distributed  
evenly on the substrate covered by the film pattern.